RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/537, 787_
Source: _PCT_
Date Processed by STIC: _06/14/2005_

ENTERED

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        RAW SEQUENCE LISTING                      DATE: 06/14/2005
        PATENT APPLICATION:  US/10/537,787        TIME: 09:24:03

        Input Set : A:\PTO.SR.txt
        Output Set: N:\CRF4\06142005\J537787.raw

     5 <110> APPLICANT: Innogenetics N.V.
     9 <120> TITLE OF INVENTION: Detection, Identification and Differentiation of Eubacterial
Taxa using a
    10         Hybridization Assay
    14 <130> FILE REFERENCE: EP 145
C--> 18 <140> CURRENT APPLICATION NUMBER: US/10/537,787
C--> 20 <141> CURRENT FILING DATE: 2005-06-06
    24 <160> NUMBER OF SEQ ID NOS: 70
    28 <170> SOFTWARE: PatentIn version 3.1
    32 <210> SEQ ID NO: 1
    34 <211> LENGTH: 143
    36 <212> TYPE: DNA
    38 <213> ORGANISM: staphylococcus
    42 <220> FEATURE:
    44 <221> NAME/KEY: misc_feature
    46 <222> LOCATION: (141)..(141)
    48 <223> OTHER INFORMATION: n represents a,t,c or g
    52 <400> SEQUENCE: 1
    53 tttgtacatt gaamactaga taagtaagta maatatagat tttaccargc aaaaccgagt      60
    55 gaataaagrg ttttraayaa gcktgaattc ataasaaata atcgytagyg ttcgaragaa     120
W--> 57 cactcacaag wttaataack ngt                                           143    OK.
    60 <210> SEQ ID NO: 2
    62 <211> LENGTH: 143
    64 <212> TYPE: DNA
    66 <213> ORGANISM: staphylococcus
    70 <400> SEQUENCE: 2
    71 tttgtacatt gaaaactaga taagtaagta aaatatagat tttaccaagc aaaaccgagt      60
    73 gaataaagag ttttaaataa gcttgaattc ataagaaata atcgctagtg ttcgaaagaa     120
    75 cactcacaag attaataacg cgt                                           143
    78 <210> SEQ ID NO: 3
    80 <211> LENGTH: 63
    82 <212> TYPE: DNA
    84 <213> ORGANISM: staphylococcus
    88 <400> SEQUENCE: 3
    89 acgctcacat acggcttcgt tttcattatt ttaaatgctc atttacataa gtaaactctg      60
    91 ctt                                                                  63
    94 <210> SEQ ID NO: 4
    96 <211> LENGTH: 69
    98 <212> TYPE: DNA
   100 <213> ORGANISM: staphylococcus
   104 <400> SEQUENCE: 4
   105 cttatgaatt caagcttatt taaaactctt tattcactcg gttttgcttg gtaaaatcta      60
   107 tattttact                                                            69
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114 <212> TYPE: DNA
116 <213> ORGANISM: staphylococcus
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123 ttttgcttgg                                                          70
126 <210> SEQ ID NO: 6
128 <211> LENGTH: 81
130 <212> TYPE: DNA
132 <213> ORGANISM: staphylococcus
136 <400> SEQUENCE: 6
137 ttataagtca aacgttaaca tgaagttacg ttctttata aaaagattta aacgcgttat     60
139 taatcttgtg agtgttcttt c                                              81
142 <210> SEQ ID NO: 7
144 <211> LENGTH: 83
146 <212> TYPE: DNA
148 <213> ORGANISM: staphylococcus
152 <400> SEQUENCE: 7
153 tataagtcaa acgctcacat acggcttcgt tttcattatt ttaaatgctc atttacataa    60
155 gtaaactctg ctttaaaata att                                           83
158 <210> SEQ ID NO: 8
160 <211> LENGTH: 88
162 <212> TYPE: DNA
164 <213> ORGANISM: staphylococcus
168 <400> SEQUENCE: 8
169 cttatttaaa actctttatt cactcggttt tgcttggtaa aatctatatt ttacttactt    60
171 atctagtttt caatgtacaa ataatggt                                      88
174 <210> SEQ ID NO: 9
176 <211> LENGTH: 88
178 <212> TYPE: DNA
180 <213> ORGANISM: staphylococcus
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185 atttaaaact ctttattcac tcggttttgc ttggtaaaat ctatatttta cttacttatc    60
187 tagttttcaa tgtacaattt cttttttag                                     88
190 <210> SEQ ID NO: 10
192 <211> LENGTH: 89
194 <212> TYPE: DNA
196 <213> ORGANISM: staphylococcus
200 <400> SEQUENCE: 10
201 gtgagtgttc tttcgaacac tagcgattat ttcttatgaa ttcaagctta tttaaaactc    60
203 tttattcact cggttttgct tggtaaaat                                     89
206 <210> SEQ ID NO: 11
208 <211> LENGTH: 89
210 <212> TYPE: DNA
212 <213> ORGANISM: staphylococcus
216 <400> SEQUENCE: 11
217 attttaccaa gcaaaccga gtgaataaag agttttaaat aagcttgaat tcataagaaa      60
219 taatcgctag tgttcgaaag aacactcac                                     89
222 <210> SEQ ID NO: 12
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224 <211> LENGTH: 91
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228 <213> ORGANISM: staphylococcus
232 <400> SEQUENCE: 12
233 tttaaacgcg ttattaatct tgtgagtgtt ctttcgaaca ctagcgatta tttcttatga      60
235 attcaagctt atttaaaact ctttattcac t                                     91
238 <210> SEQ ID NO: 13
240 <211> LENGTH: 101
242 <212> TYPE: DNA
244 <213> ORGANISM: staphylococcus
248 <400> SEQUENCE: 13
249 tccaccattt ttataagtca aacgttaaca tgaagttacg ttctttttata aaaagattta     60
251 aacgcgttat taatcttgtg agtgttcttt cgaacactag c                          101
254 <210> SEQ ID NO: 14
256 <211> LENGTH: 21
258 <212> TYPE: DNA
260 <213> ORGANISM: staphylococcus
264 <400> SEQUENCE: 14
265 agattttacc aagcaaaacc g                                                 21
268 <210> SEQ ID NO: 15
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274 <213> ORGANISM: staphylococcus
278 <400> SEQUENCE: 15
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286 <212> TYPE: DNA
288 <213> ORGANISM: staphylococcus
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293 aagcttgaat tcataagaaa t                                                 21
296 <210> SEQ ID NO: 17
298 <211> LENGTH: 23
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302 <213> ORGANISM: staphylococcus
306 <400> SEQUENCE: 17
307 ccgagtgaat aaagagtttt aaa                                               23
310 <210> SEQ ID NO: 18
312 <211> LENGTH: 24
314 <212> TYPE: DNA
316 <213> ORGANISM: staphylococcus
320 <400> SEQUENCE: 18
321 ccaagcaaaa ccgagtgaat aaag                                              24
324 <210> SEQ ID NO: 19
326 <211> LENGTH: 24
328 <212> TYPE: DNA
330 <213> ORGANISM: staphylococcus
334 <400> SEQUENCE: 19
335 gcttgaattc ataagaaata atcg                                              24
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342 <212> TYPE: DNA
344 <213> ORGANISM: staphylococcus
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352 <210> SEQ ID NO: 21
354 <211> LENGTH: 27
356 <212> TYPE: DNA
358 <213> ORGANISM: staphylococcus
362 <400> SEQUENCE: 21
363 gtgaataaag agttttaaat aagcttg                        27
366 <210> SEQ ID NO: 22
368 <211> LENGTH: 27
370 <212> TYPE: DNA
372 <213> ORGANISM: staphylococcus
376 <400> SEQUENCE: 22
377 aagcttgaat tcataagaaa taatcgc                        27
380 <210> SEQ ID NO: 23
382 <211> LENGTH: 28
384 <212> TYPE: DNA
386 <213> ORGANISM: staphylococcus
390 <400> SEQUENCE: 23
391 cttggtaaaa tcttacttac ttatctag                       28
394 <210> SEQ ID NO: 24
396 <211> LENGTH: 29
398 <212> TYPE: DNA
400 <213> ORGANISM: staphylococcus
404 <400> SEQUENCE: 24
405 aagcagagtt tacttatgta aatgagcat                      29
408 <210> SEQ ID NO: 25
410 <211> LENGTH: 29
412 <212> TYPE: DNA
414 <213> ORGANISM: staphylococcus
418 <400> SEQUENCE: 25
419 taccaagcaa aaccgagtga ataaagagt                      29
422 <210> SEQ ID NO: 26
424 <211> LENGTH: 29
426 <212> TYPE: DNA
428 <213> ORGANISM: staphylococcus
432 <400> SEQUENCE: 26
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436 <210> SEQ ID NO: 27
438 <211> LENGTH: 29
440 <212> TYPE: DNA
442 <213> ORGANISM: staphylococcus
446 <400> SEQUENCE: 27
447 gcaaaaccga gtgaataaag agttttaaa                      29
450 <210> SEQ ID NO: 28
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452 <211> LENGTH: 30
454 <212> TYPE: DNA
456 <213> ORGANISM: staphylococcus
460 <400> SEQUENCE: 28
461 aagcttgaat tcataagaaa taatcgctag                              30
464 <210> SEQ ID NO: 29
466 <211> LENGTH: 30
468 <212> TYPE: DNA
470 <213> ORGANISM: staphylococcus
474 <400> SEQUENCE: 29
475 agcaaaaccg agtgaataaa cagtttttaaa                             30
478 <210> SEQ ID NO: 30
480 <211> LENGTH: 31
482 <212> TYPE: DNA
484 <213> ORGANISM: staphylococcus
488 <400> SEQUENCE: 30
489 attgtacatt gaaaactaga taagtaagta a                            31
492 <210> SEQ ID NO: 31
494 <211> LENGTH: 32
496 <212> TYPE: DNA
498 <213> ORGANISM: staphylococcus
502 <400> SEQUENCE: 31
503 agtgttcgaa agaacactca caagattaat aa                           32
506 <210> SEQ ID NO: 32
508 <211> LENGTH: 32
510 <212> TYPE: DNA
512 <213> ORGANISM: staphylococcus
516 <400> SEQUENCE: 32
517 agcttatttta aaactcttta ttcactcggt tt                          32
520 <210> SEQ ID NO: 33
522 <211> LENGTH: 33
524 <212> TYPE: DNA
526 <213> ORGANISM: staphylococcus
530 <400> SEQUENCE: 33
531 taaaataatg aaaacgaagc cgtatgtgag cgt                          33
534 <210> SEQ ID NO: 34
536 <211> LENGTH: 33
538 <212> TYPE: DNA
540 <213> ORGANISM: staphylococcus
544 <400> SEQUENCE: 34
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548 <210> SEQ ID NO: 35
550 <211> LENGTH: 33
552 <212> TYPE: DNA
554 <213> ORGANISM: staphylococcus
558 <400> SEQUENCE: 35
559 gaattcataa gaaataatcg ctagtgttcg aaa                          33
562 <210> SEQ ID NO: 36
564 <211> LENGTH: 33
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 06/14/2005
PATENT APPLICATION: US/10/537,787   TIME: 09:24:04

Input Set : **A:\PTO.SR.txt**
Output Set: **N:\CRF4\06142005\J537787.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 141
Seq#:48; N Pos. 3
Seq#:54; N Pos. 1
Seq#:62; N Pos. 1
Seq#:70; N Pos. 3

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 9

VERIFICATION SUMMARY   DATE: 06/14/2005
PATENT APPLICATION: **US/10/537,787**   TIME: 09:24:04

Input Set : **A:\PTO.SR.txt**
Output Set: **N:\CRF4\06142005\J537787.raw**

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L:18 M:270 C: Current Application Number differs, Replaced Current Application Number
L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:120
L:751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:0
L:845 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:0
L:967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:0
L:1089 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0
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